

1 **ABSTRACT**

2       Reduction of aliasing artifacts along discontinuity edges of a rendered  
3 polygon mesh is achieved by overdrawing the edges as antialiased lines. The  
4 discontinuity edges are oriented consistently and blended as they approach  
5 silhouettes in the mesh to avoid popping at the edge, thereby achieving a temporal  
6 smoothness at the silhouettes. This temporal smoothness is balanced with a  
7 competing desire to maintain spatial sharpness by utilizing an asymmetric  
8 blending technique. To further improve results, the discontinuity edges can be  
9 sorted by depth prior to overdrawing them. These processes are effective at  
10 reducing the temporal artifact known as "crawling jaggies".

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